

- 4 Type**
- SA** Steel thrust pin, without seal
  - KA** Plastic thrust pin, without seal
  - SB** Steel thrust pin, with seal
  - KB** Plastic thrust pin, with seal

### Specification

- Body  
Aluminum, plain finish
- Type SA / SB  
Thrust pin  
Steel
  - Hardened
  - Zinc plated, blue passivated finish
- Type KA / KB  
Thrust pin  
Plastic (Polyacetal POM)
- Thrust spring coding
  - **Gray**: Low thrust force
  - **Black**: Medium thrust force
  - **Silver**: High thrust force
- Seal  
Rubber NBR (Perbunan<sup>®</sup>)
- *ISO Fundamental Tolerances* → page 2129
- *Elastomer Characteristics* → page 2135
- *Plastic Characteristics* → page 2135
- **RoHS compliant**

### Accessory

- Installation tool GN 715.1  
(Part number, see table)

### Information

GN 715 press-fit side thrust pins are versatile and practical elements for holding, positioning and clamping of workpieces.

They eliminate costly alternatives, are space saving and easy to install. The knurled body requires only a hole tolerance of H8.

Version with seal used in applications involving a fluid or liquid.

For easy insertion a suitable GN 715.1 installation tool is available (see table).

see also...


- *Technical and Assembly Instructions* → page 1054
- *Side Thrust Pins GN 713 (Screw-In Type)* → [www.jwwinco.com](http://www.jwwinco.com)
- *Eccentric Bushings GN 715.2* → page 1056

<p>How to order (Inch)</p> <p style="text-align: center;"> <span style="color: red; font-weight: bold;">1</span> <span style="color: red; font-weight: bold;">2</span> <span style="color: red; font-weight: bold;">3</span> <span style="color: red; font-weight: bold;">4</span>  <b>GN 715-8-1/2-50-SA</b> </p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="border: none;">1</td><td style="border: none;">Diameter d<sub>1</sub></td></tr> <tr><td style="border: none;">2</td><td style="border: none;">Diameter d<sub>2</sub></td></tr> <tr><td style="border: none;">3</td><td style="border: none;">Side thrust force F<sub>0</sub> in N</td></tr> <tr><td style="border: none;">4</td><td style="border: none;">Type</td></tr> </table>	1	Diameter d <sub>1</sub>	2	Diameter d <sub>2</sub>	3	Side thrust force F <sub>0</sub> in N	4	Type
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2	Diameter d <sub>2</sub>								
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4	Type								
<p>How to order (Metric)</p> <p style="text-align: center;"> <span style="color: red; font-weight: bold;">1</span> <span style="color: red; font-weight: bold;">2</span> <span style="color: red; font-weight: bold;">3</span> <span style="color: red; font-weight: bold;">4</span>  <b>GN 715-6-10-40-KB</b> </p>	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="border: none;">1</td><td style="border: none;">Diameter d<sub>1</sub></td></tr> <tr><td style="border: none;">2</td><td style="border: none;">Diameter d<sub>2</sub></td></tr> <tr><td style="border: none;">3</td><td style="border: none;">Side thrust force F<sub>0</sub> in N</td></tr> <tr><td style="border: none;">4</td><td style="border: none;">Type</td></tr> </table>	1	Diameter d <sub>1</sub>	2	Diameter d <sub>2</sub>	3	Side thrust force F <sub>0</sub> in N	4	Type
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**Inch table**

Dimensions in: inches - millimeters


d <sub>1</sub>	d <sub>2</sub>	Side thrust force F <sub>0</sub>				a <sub>1</sub> see page 1054	a <sub>2</sub> see page 1054	d <sub>3</sub> +0.001 see page 1054	h min. see page 1054
		Type SA / SB		Type KA / KB					
0.12 3	1/4	2.25 lbf 10 N	4.50 lbf 20 N	8.99 lbf 40 N	2.25 lbf 10 N	0.06 1.5	0.14 3.5	0.24 6	0.28 7
0.20 5	7/16	4.50 lbf 20 N	11.24 lbf 50 N	22.48 lbf 100 N	4.50 lbf 20 N	0.10 2.5	0.22 5.7	0.39 10	0.47 12
0.24 6	7/16	8.99 lbf 40 N	16.86 lbf 75 N	33.72 lbf 150 N	8.99 lbf 40 N	0.12 3	0.30 7.7	0.39 10	0.47 12
0.31 8	1/2	11.24 lbf 50 N	22.48 lbf 100 N	44.96 lbf 200 N	11.24 lbf 50 N	0.16 4	0.35 8.9	0.47 12	0.55 14
0.39 10	5/8	22.48 lbf 100 N	44.96 lbf 200 N	67.44 lbf 300 N	22.48 lbf 100 N	0.20 5	0.42 10.7	0.63 16	0.71 18

d <sub>1</sub>	l <sub>1</sub> -0.04	l <sub>2</sub>	l <sub>3</sub> -0.04	l <sub>4</sub>	w	x <sub>1</sub> see page 1054	x <sub>2</sub> see page 1054	Part number installation tool 
0.12 3	0.28 7	0.16 4	0.28 7	0.16 4	0.04 0.9	0.04 1	0.03 0.75	GN 715.1-3
0.20 5	0.43 11	0.26 6.7	0.45 11.5	0.24 6	0.06 1.6	0.07 1.7	0.05 1.3	GN 715.1-5.6
0.24 6	0.43 11	0.42 10.7	0.45 11.5	0.39 10	0.07 1.8	0.07 1.9	0.06 1.4	GN 715.1-5.6
0.31 8	0.51 13	0.55 13.9	0.55 14	0.51 13	0.10 2.6	0.11 2.7	0.08 2.1	GN 715.1-8
0.39 10	0.67 17	0.66 16.7	0.71 18	0.63 16	0.13 3.2	0.13 3.4	0.11 2.7	GN 715.1-10

**Metric table**

Dimensions in: millimeters - inches

d <sub>1</sub>	d <sub>2</sub>	Side thrust force F <sub>0</sub>				a <sub>1</sub> see page 1054	a <sub>2</sub> see page 1054	d <sub>3</sub> H8 see page 1054	h min. see page 1054
		Type SA / SB		Type KA / KB					
3 0.12	6	10 N 2.25 lbf	20 N 4.50 lbf	40 N 8.99 lbf	10 N 2.25 lbf	1.5 0.06	3.5 0.14	6 0.24	7 0.28
5 0.20	10	20 N 4.50 lbf	50 N 11.24 lbf	100 N 22.48 lbf	20 N 4.50 lbf	2.5 0.10	5.7 0.22	10 0.39	12 0.47
6 0.24	10	40 N 8.99 lbf	75 N 16.86 lbf	150 N 33.72 lbf	40 N 8.99 lbf	3 0.12	7.7 0.30	10 0.39	12 0.47
8 0.31	12	50 N 11.24 lbf	100 N 22.48 lbf	200 N 44.96 lbf	50 N 11.24 lbf	4 0.16	8.9 0.35	12 0.47	14 0.55
10 0.39	16	100 N 22.48 lbf	200 N 44.96 lbf	300 N 67.44 lbf	100 N 22.48 lbf	5 0.20	10.7 0.42	16 0.63	18 0.71

d <sub>1</sub>	l <sub>1</sub> -1	l <sub>2</sub>	l <sub>3</sub> -1	l <sub>4</sub>	w	x <sub>1</sub> see page 1054	x <sub>2</sub> see page 1054	Part number installation tool 
3 0.12	7 0.28	4 0.16	7 0.28	4 0.16	0.9 0.04	1 0.04	0.75 0.03	GN 715.1-3
5 0.20	11 0.43	6.7 0.26	11.5 0.45	6 0.24	1.6 0.06	1.7 0.07	1.3 0.05	GN 715.1-5.6
6 0.24	11 0.43	10.7 0.42	11.5 0.45	10 0.39	1.8 0.07	1.9 0.07	1.4 0.06	GN 715.1-5.6
8 0.31	13 0.51	13.9 0.55	14 0.55	13 0.51	2.6 0.10	2.7 0.11	2.1 0.08	GN 715.1-8
10 0.39	17 0.67	16.7 0.66	18 0.71	16 0.63	3.2 0.13	3.4 0.13	2.7 0.11	GN 715.1-10